

Layered Architecture of an Agent

Fig. 1

The diagram illustrates a cognitive architecture with four main modules: Collaboration, Actions, Reasoning/Beliefs, and Sensory. 
 

- Collaboration (10)**: Contains a set of three nodes (15) connected to a central node (14). It receives input from the Sensory module (16) and outputs to the Actions module (20).
- Actions (20)**: Receives input from the Collaboration module (14) and outputs to the Reasoning/Beliefs module (30/40).
- Reasoning / Beliefs (30/40)**: Contains a central node (32) connected to a set of nodes (34) and a set of nodes (42). It receives input from the Actions module (20) and outputs to the Sensory module (50).
- Sensory (50)**: Contains three nodes (52) connected to a central node (54). It receives input from the Reasoning/Beliefs module (32) and outputs to the Collaboration module (10).

 A vertical bar (60) is shown on the right side of the diagram, and a lightning bolt symbol (5) is in the top right corner.

Fig. 2

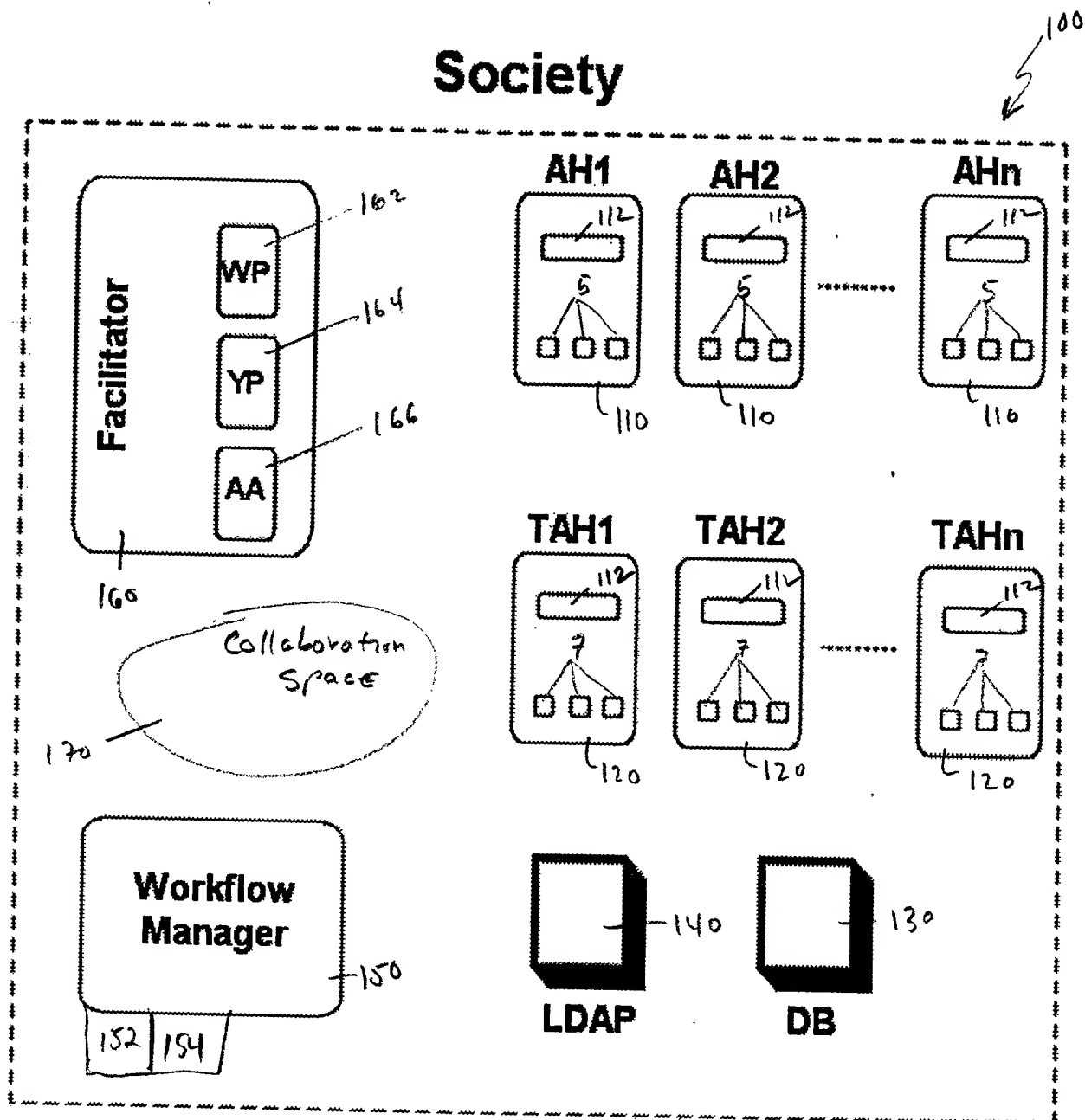


FIG. 3

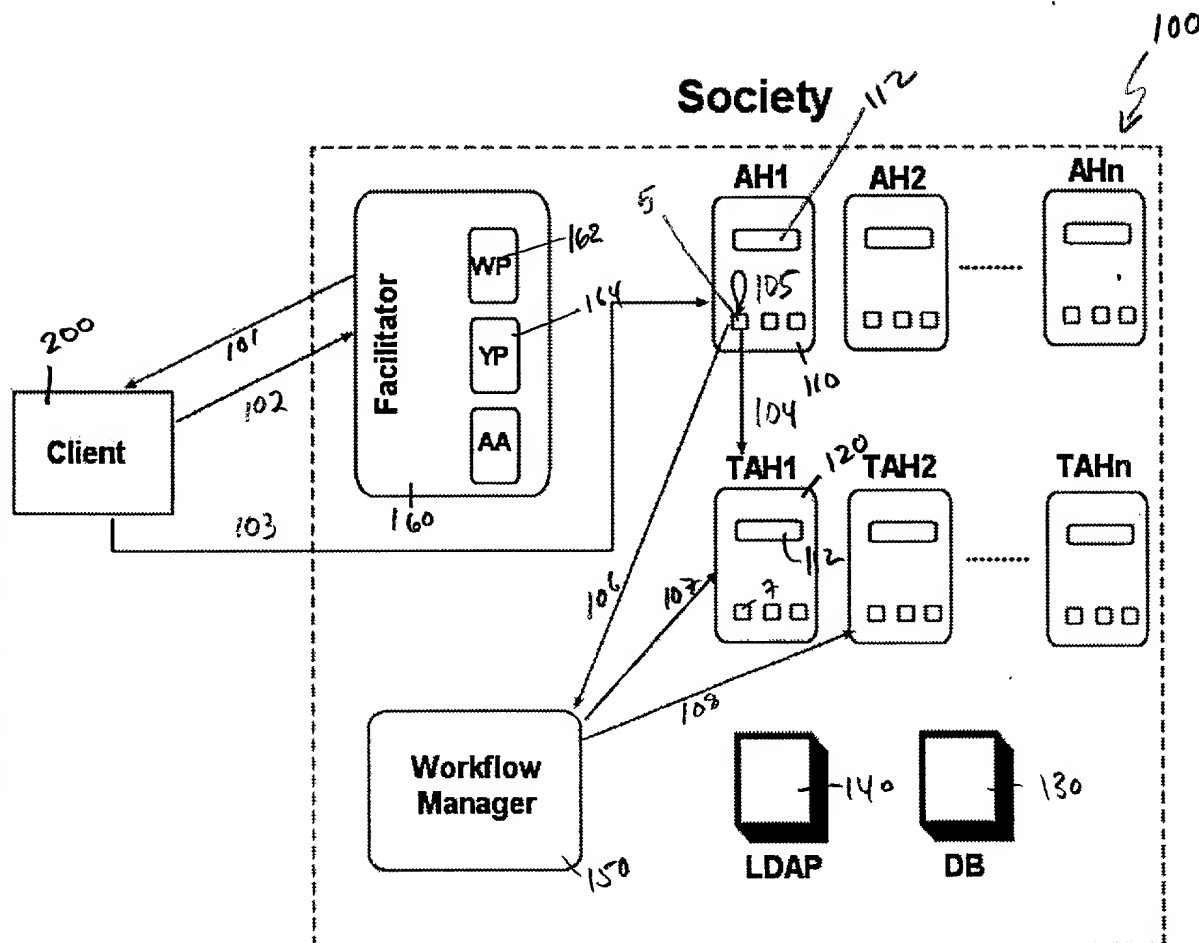


FIG. 4.